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M3 - [01] A220 C730 M411 M720 M782 M904 M905 N104 Q261 Q421 R023; RA0140-K
RA0140-M RA0140-P
- [02] B115 B701 B713 B720 B815 B831 C101 C108 C800 C802 C804 C805 C807
M411 M720 M782 M904 M905 M910 N104 Q261 Q421 R023; R01711-K R01711-M
R01711-P; 1711-P 1711-U
- [03] A422 A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M720
M782 M904 M905 M910 N104 Q261 Q421 R023; R01966-K R01966-M R01966-P;
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- [04] A220 A940 C106 C108 C530 C730 C801 C802 C803 C804 C805 C807 M411 M720
M782 M904 M905 M910 N104 Q261 Q421 R023; R01278-K R01278-M R01278-P
R05243-K R05243-M R05243-P; 1278-P 1278-U
- [05] A220 A940 B115 B701 B713 B720 B815 B831 C108 C802 C803 C804 C805
C807 M411 M720 M782 M904 M905 M910 N104 Q261 Q421 R023; R01757-K
R01757-M R01757-P RA00D3-K RA00D3-M RA00D3-P; 1757-P 1757-U
- [06] A111 A940 B114 B701 B702 B712 B713 B720 B831 B832 C408 C802 C803
C804 C805 C807 M411 M720 M782 M904 M905 N104 Q261 Q421 R023; RA06Q9-K
RA06Q9-M RA06Q9-P
PA - (UENO-N) UENO KOGYO KK
- (UENO-N) UENO IND CO LTD
PN - KR2001081935 A 20010829 DW200215 B01J21/06 000pp
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XIC - B01J-021/06 ; B01J-027/14 ; B01J-027/182 ; B01J-035/02
AB - JP2001224966 NOVELTY - The titanium oxide photocatalyst component
comprises a sublayer which contains titanium oxide as main component,
compound containing phosphorus, calcium and silicon, and water, formed
on a holding unit which fixes the titanium oxide as photocatalyst. An
upper layer which contains titanium oxide, trace amount of catalytic
activity promoting agent and water, is formed on the sublayer.
- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
manufacture of the photocatalyst component which involves mixing
titania (TiO₂), calcium carbonate (CaCO₃) and water, and adding
calcium phosphate (Ca₃(PO₄)₂). Then, sodium silicate (Na₂SiO₃) and
suitable amount of water are mixed, and the obtained liquid having
moderate viscosity is applied to the holding unit. The coating is
evaporated to dryness for forming the sublayer. A solution comprising
titania, trace amount of photocatalytic activity promoting agent and
water is coated on the whole surface of the sublayer to form the upper
material.
USE - As titanium oxide photocatalyst component.

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